

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-22 (canceled)

23 (new): An electrical device, comprising:

a layer having a conductive pattern formed from a conductive material; and insulating regions that surround the conductive material, the insulating regions comprising electrically isolated nanoparticles.

24 (new): The device of claim 23, wherein the nanoparticles are electrically isolated by insulating capping groups.

25 (new) The device of claim 24, wherein the capping groups comprise a hydrocarbon.

26 (new) The device of claim 23, wherein the conductive material comprises nanoparticles, and the conductive pattern comprises sintered nanoparticles.